HP Officejet Pro 251dw Printer

Efficiently manage your printing environment—and your budget—with an HP ePrinter that delivers up to 50% lower cost per page than lasers[1] and powerful manageability tools. Simplify office tasks with time-saving features and easy networking.

Print for less[1] and easily manage your office

- Print professional-quality color with Original HP inks—for up to 50% lower cost per page than lasers.[1]
- Easily integrate into your office. Centrally deploy updates and manage tasks with HP Web Jetadmin.
- Safeguard your print environment with the HP Imaging and Printing Security Center—no expertise necessary.
- Help protect your investment and extend capabilities as your needs grow with a portfolio of solutions.[10]

Count on time-saving features to ease office tasks

- Ease office workflows. Easily print, access helpful business apps, and more—right from the color display.[4]
- Depend on HP for reliable workgroup printing—designed for volumes up to 1500 pages a month.
- Reload paper less and handle large print jobs, using the automatic document feeder and 250-sheet paper tray.
- Print up to 2300 pages—or up to 1500 color pages—from a single high-capacity Original HP cartridge.[5]

Connect and print—at the office or on the go.[3]

- Add this printer to your Ethernet or wireless network to easily share with your teammates.[2]
- Print wirelessly, and share access with PCs, tablets, and mobile devices[2]—even with no network or router.[6]
- Print from your smartphone or tablet from virtually anywhere with HP ePrint.[3]
- Print PDF files and images directly from memory devices, using the easy-access USB port—no computer required.

Conserve resources without sacrificing performance

- Use up to 50% less energy than lasers[7]—set your printer for savings with Schedule On and Schedule Off.[8]
- Save up to 50% on paper, using automatic two-sided printing.
- Use up to 50% less supplies and packaging by weight compared with color laser.[11]
- Reduce your impact—easily recycle your Original HP ink cartridges for free through HP Planet Partners.[9]

HP EcoSolutions

- Use up to 50% less energy than with color lasers.[1]
- Reduce paper use up to 50% using automatic two-sided printing.
- Use up to 70% less supplies and packaging by weight compared with color laser.[2]

ENERGY STAR[C] qualified

Join HP in more sustainable printing
www.hp.com/ecosolutions

[eco01] Energy claim based on the majority of color laser printers < US $300, color laser MFPs < US $500, Sept/2012 Energy use based on HP and HP commissioned third party testing using the ENERGY STAR® program's TEC test method criteria. Actual cost and energy usage may vary. For details, see hp.com/go/officejet.
[eco02] Compared with the majority of color laser printers <US $300, color laser MFPs <US $500, Sept/2012. Calculation compares weight of supplies and cartridge packaging needed for the same amount of pages based on highest-capacity cartridges ISO yield and continuous printing tested by Buyers Laboratory Inc, commissioned by HP as of 2013. For details, seehp.com/go/officejet.

[1] Cost-per-page (CPP) claim based on the majority of color laser printers < US $300, color laser MFPs < US $500, Sept/2012. For details, see hp.com/go/officejet.
[2] Wireless performance is dependent upon physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz routers only.
[3] Requires an Internet connection to HP web-enabled printer and HP ePrint account registration. For a list of eligible printers, supported documents, and image types, and other HP ePrint details, see www.hpconnected.com. Mobile devices require Internet connection and email capability. May require wireless access point. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary.
[4] Requires a wireless access point and an Internet connection to the printer. Services require registration. App availability varies by country, language, and agreements, and requires a firmware upgrade. For details, www.hpconnected.com.
[5] Page volume based on HP 950XL Officejet Black Ink Cartridge and HP 951XL Officejet Cyan, Magenta, and Yellow Ink Cartridges. For more information, see www.hp.com/go/learnaboutsupplies. High-capacity cartridges not included; please purchase separately.
[6] An app or driver may be required to use HP wireless direct, for more info go to www.hpconnected.com. Wireless performance is dependent upon physical environment and distance from access point.
[7] Energy claim based on the majority of color laser printers < US $300, Sept/2012 Energy use based on HP and third party testing using the ENERGY STAR® program's TEC test method criteria. For details, see hp.com/go/officejet.
[8] Energy savings calculation assumes the device is scheduled to be off for 12 hours per weekday and 48 hours per weekend. Reduced energy use is compared with a typical daily usage model, which assumes devices remain in "off" mode overnight and on the weekend.
[9] Program availability varies. Original HP cartridge return and recycling is currently available in 47 countries, territories, and regions in Asia, Europe, and North and South America through the HP Planet Partners program. For more information, visit www.hp.com/recycle.
[10] Additional workflow solutions available through HP's software and third-party partner program. For solution details, go to www.hp.com/go/ideabook.
[11] Compared with the majority of color laser printers < US $300, color laser MFPs < US $500, Sept/2012. Calculation compares weight of supplies and cartridge packaging needed for the same amount of pages based on highest-capacity cartridges ISO yield and continuous printing tested by Buyers Laboratory Inc, commissioned by HP as of 2013. For details, see hp.com/go/officejet.

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TECHNICAL SPECIFICATIONS

Print Technology	HP Thermal Inkjet
Standard Printer Languages	HP PCL5c, HP PCLXL (PCL6), native PDF, HP Postscript Level 3
Print Speed[1]	**Black (ISO)**: Up to 20 ppm; **First Page Out Black (A4, ready)**: As fast as 13 sec; **Color (ISO)**: Up to 15 ppm; **First Page Out Color (A4, ready)**: As fast as 14 sec
Print Resolution	**Black (best)**: Up to 1200 x 1200 optimized dpi on plain paper from 600 x 600 input dpi; **Color (best)**: Up to 1200 x 1200 optimized dpi from 600 x 600 input dpi
Printer Smart Software Features	HP ePrint, HP ePrint Mobile Apps, Google Cloud Print, HP EasyColor, Cover Pages; Orientation: Portrait/Landscape/Rotate by 180 degrees; Print on Both Sides: Flip over/Flip up; Pages per Sheet: 1, 2, 4, 6, 9, 16; Booklet: Left Binding/Right Binding; Print in Grayscale: Black Ink Only/High Quality; Resizing options: Actual size, Scale to fit, % of actual size (25%-400%); A4/Letter Edge to Edge Printing; Output Quality: Draft/Normal/Best; Print All text as Black
Number Of Print Cartridges	4 (1 each black, cyan, magenta, yellow)
Recommended Monthly Page Volume[2]	250 to 1500 pages
Duty Cycle	**Monthly, A4**: Up to 30,000 pages
Borderless Printing	Yes, up to 210 x 297 mm (A4). Brochure media type only
Standard Connectivity	1 Hi-Speed USB 2.0 Device; 1 Hi-Speed USB 2.0 Host; 1 Ethernet 10/100 Base-TX network; 802.11 b/g/n Station; 802.11 b/g Access Point
Network Capabilities	Standard (built-in Ethernet and WiFi 802.11b/g/n)
Wireless Capability	Yes
Mobile Printing Capability[3]	HP ePrint, HP ePrint Mobile Apps, Google Cloud Print, Business Applications, HP ePrint Wireless Direct, Apple AirPrint™
Supported Network Protocols	Supported Network Protocols configurations IPP, (IPv4, IPv6); ARP (Legacy Default IP); BOOTP; SMTP client; LLMNR; Bonjour; LP/ APIPA (Auto IP); NetBIOS/WINS; LPR(SLP)/LPD; Custom Raw Port/Port9100; DNS Resolver; mDNS; SNMPv1; SNMP v3 @VR3; Web Services Discovery; Web Services Print; DHCP options: 81/RFC4702/RFC4704, 12-Hostname; 44; Syslog; Firewall; SSL/TLS (HTTPs); Password-protected network Embedded Web server; Enable/disable network ports & device features; 802.1x wireless authentication (EAP-TLS, LEAP, and PEAP)
Processor Speed	480 Mhz
Standard Memory	256 MB; **Maximum**: 256 MB
Fonts and Typefaces	84 scalable TrueType fonts
Media Types Supported	Plain paper; Thick plain paper; HP Bright White Paper; HP Premium Presentation Paper, Matte; HP Premium Plus Photo Papers; other inkjet papers; HP Advanced Photo Papers; HP Everyday Photo Paper, Matte; HP Everyday Photo Paper, Glossy; other photo papers; Other Greeting Cards; HP Brochure Paper 180 g, Glossy; HP Brochure and Flyer Paper, Matte; HP Tri-fold Brochure Paper, Matte; HP Tri-fold Brochure Paper, Glossy; Other brochure papers; Card Stock
Media Sizes Supported	Tray 1: A4; A5; A6; B5 (JIS); Envelope (C5, C6, DL); 10 x 15 cm; Tray 2: A4 (optional, not available for all countries)
Media Sizes Custom	Tray 1: 76.2 x 127 mm to 216 x 356 mm; Optional Tray 2 (not available for all countries): Not supporting custom size
Media Weight Supported	Tray 1: 60 to 105 g/m² (plain); 220 to 280 g/m² (photo); 75 to 90 g/m² (envelope); 163 to 200 g/m² (card); Optional Tray 2 (not available for all countries): 60 to 105 g/m² (plain)
Print Handling	250-sheet input tray; 150-sheet output tray; Optional 250-sheet input tray (not available for all countries); **Duplex Options**: Automatic (standard); **Envelope Feeder**: No; **Standard Paper Trays**: 1 **Input Capacities**: Maximum input capacity: Up to 500 sheets legal, Up to 100 sheets label, Up to 100 sheets photo paper, Up to 100 sheets 4x6 Photo, Up to 80 cards, Up to 30 envelopes **Output Capacities**: Maximum output capacity: Up to 150 sheets legal, Up to 60 sheets label, Max Up to 60 sheets photo paper, Up to 65 cards, Up to 25 envelopes
What's In The Box	**CV136A** HP Officejet Pro 251dw Printer; Automatic Two-sided Printing accessory; HP 950 Setup Black Officejet Ink Cartridge (~1000 pages); HP 951 Setup Cyan Officejet Ink Cartridge; HP 951 Setup Magenta Officejet Ink Cartridge; HP 951 Setup Yellow Officejet Ink Cartridgee: Composite yield (~700 pages); Power cord; Setup poster; Getting Started Guide; CD-ROMs (for software, Windows and Mac printer drivers, and User's Guide). [Average based on ISO/IEC 24711 or HP testing methodology and continuous printing. Actual yield varies considerably based on content of printed pages and other factors. Some ink from included cartridge is used to start up the printer. For details see hp.com/go/learnaboutsupplies]

Supplies	**CN045AL** HP 950XL Black Officejet Ink Cartridge Average cartridge yield 2300 pages **CN046AL** HP 951XL Cyan Officejet Ink Cartridge Average cartridge yield 1500 pages **CN047AL** HP 951XL Magenta Officejet Ink Cartridge Average cartridge yield 1500 pages **CN048AL** HP 951XL Yellow Officejet Ink Cartridge Average cartridge yield 1500 pages **CN049AL** HP 950 Black Officejet Ink Cartridge Average cartridge yield 1000 pages Average based on ISO/IEC 24711 or HP testing methodology and continuous printing. Actual yield varies considerably based on content of printed pages and other factors. Some ink from included cartridge is used to start up the printer. For details, see hp.com/go/learnaboutsupplies.
Control Panel	10.92 cm (4.3-in) CGD Touch Screen with Gestural User Interface; 6 Magic Frame (MF) Touch Buttons: Home, Back, Left, Right, Cancel, Help; Wireless LED
Software Included	HP Printer Software; HP Update; HP Officejet Pro 251dw Printer Help, Bing Bar for HP (includes HP Smart Print); Product Improvement Study for HP Officejet Pro 251dw Printer
Compatible Operating Systems	Windows 8 (32bit & 64bit); Windows 7 (32bit & 64bit); Windows Vista (32bit & 64bit) (Including Starter Edition); Windows XP SP3 or greater (32bit only); Mac OS X v10.6; OS X Lion; OS X Mountain Lion; Linux (For more information, see hplipopensource.com/hplip-web/index.html)
Minimum System Requirements	**PC**: Windows 8, Windows 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, Internet Explorer, CD-ROM/DVD or Internet, USB. Windows Vista: 800 MHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, Internet Explorer, CD-ROM/DVD or Internet, USB. Windows XP SP3 (32-bit only): Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 750 MB available hard disk space, Internet Explorer 6, CD-ROM/DVD or Internet, USB. Mac OS X v10.6, OS X Lion , OS X Mountain Lion: Intel® Core Processor, 1GB available hard disk space, CD-ROM/DVD or Internet, USB. Linux (For more information, see hplipopensource.com/hplip-web/index.html) **Mac**: Mac OS X v10.6, OS X Lion, OS X Mountain Lion: Intel® Core Processor, 1 GB available hard disk space, CD-ROM/DVD or Internet, USB.
Printer Management	HP Web Jetadmin; Embedded Web server, HP Imaging and Printing Security Centre, HP Driver Configuration Utility; HP Driver Deployment Utility; HP Utility (Mac)
Security Management	SSL/TLS (HTTPS), IPP over TLS, 802.1x wireless authentication (EAP-TLS, LEAP, and PEAP), Pre-Shared Key Authentication for Wireless (PSK), Device firewall configuration, Control panel lock, Password protect EWS, Unused protocol and service disablement, Syslog, Certificate support, Signed firmware, Administrator settings
Acoustics	**Acoustic Power Emissions**: 6.4 B(A); **Acoustic Pressure Emissions**: 62 dB(A)
Power	**Power Supply Type**: Internal (Built-in) Universal Power Supply **Power Requirements**: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) **Power Consumption**[4]: 38.58 watts maximum, 0.13 watts (Manual-Off), 4.71 watts (Standby), 1.27 watts (Sleep)
Operating Environment	**Operating Temperature Range**: 5 to 40°C **Recommended Operating Temperature**: 15 to 30°C **Storage Temperature Range**: -40 to 60°C **Recommended Humidity Operating Range**: 20 to 80% RH **Non-Operating Humidity Range**: 0 to 90% RH (non-condensing) at a temperature of 60°C **Operating Humidity Range**: 15 to 80% RH
ENERGY STAR	Yes
Product Dimensions	**W x d x h**: 494 x 460 x 238 mm; **Maximum**: 494 x 649 x 263 mm (with duplexer installed, output tray extended to Legal)
Product Weight	8.8 kg
Warranty	One-year limited hardware warranty, 24-hour, 7 days a week Web support, business hour phone support within warranty period
Service And Support Options	**U6Z97E** - HP 3 year Next Business Day Exchange Officejet Pro 251dw Service **U6Z96E** - HP 3 year Return Officejet Pro 251dw Service **U7A01PE** - HP 1 year Post Warranty Return Officejet Pro 251dw Service **U7A03PE** - HP 1 year Post Warranty Next Business Day Exchange Officejet Pro 251dw Service

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ENERGY STAR® qualified models; see http://www.hp.com/go/energystar

For more information, visit our website at http://www.hp.com

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[1]Either after first page or after first set of ISO test pages. For details see hp.com/go/printerclaims

[2]HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

[3]HP ePrint requires an Internet connection to the printer and an Account Registration with HP Web Services. Print times may vary. For a list of supported documents and image types for HP ePrint, see hp.com/go/eprintcenter. AirPrint™ and the AirPrint Logo are trademarks of Apple® Inc., registered in the U.S. and other countries. AirPrint requires the printer be connected to the same network as your Apple device. Wireless performance is dependent upon physical environment and distance from the access point. For additional solutions, see hp.com/go/mobile-printing-solutions.

[4]Power measurements are based on ENERGY STAR® OM test procedure with 230 VAC, 50 Hz input.

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